#### MEMORANDUM

May 4, 1976

To: Ron Robinson

From: Douglas Houck

Subject: Cherrywood Mobile Manor STP

Class II Inspection

On December 10, 1975 we arrived at the Cherrywood Mobile Manor and met with Mr. Sharp, the owner, and Bill Irey, the plant operator.

Composite samplers were set up at the influent before the primary clarifier and at the discharge pipe to the stream. From both samplers a 250 ml alequot was taken every 30 minutes.

As the facilities have no flow measuring device no flow calibration check could be made.

On the 11th I returned to pick up the composite samplers and took a grab sample for fecal coliform. As can be seen from the following table Bill Irey was operating the treatment plant in a very efficient manner. They easily met all permit limitations.

	DO	E ·	NPDES		
	Influent	Effluent	Monthly Average		
BOD <sub>5</sub> (mg/1) T.S.S. (mg/1)	96	<4	15		
T.S.S. (mg/l) Fecal Coliform	128	2	15		
(colonies/100 ml)		Est. 8.3	200		

DH:ee

### STP Survey Report Form

#### Efficiency Study

Cherrywood		-Cricy beda	H				
City Mobile Manor I	Plant Type Seco	ndary Pop	. Served_		Des	ign	
Receiving Water Wa	apato Creek	Perennia	al <u>X</u>	Intermi	ttent_	acity	
Date ? Surv	vey Period 2	4 hrs.	Survey Po	ersonne	1 Houck	k, Robins	son
Comp. Sampling Free	quency 30 min.	Sampl:	ing Alequ	ot 2	50 ml		
Weather Conditions	(24 hr) overc	ast Are fa	acilities	provid	ed for	complet	te by-
pass of raw sewage?	?Yes	_No/Freque	ency of by	ypass_	and the second s	tern, all da la della	-
Reason for bypass_	et till de men men skriver og skriver	Is by	pass chlo	rinated	. X	es _	No
Was DOE Notified?	Discharg	ge - Intern	mittent	Charles of the Charle	Continu	ous	
	Plant	Operation					
Total flow		How meas	sured				
Maximum flow		Time of	Max		and the state of t	Promoter constitution of the promoter constitution and again	
Minimum flow		Time of	Min.			innersylvändingside, playender en en engagen er en	
Pre Cl <sub>2</sub>	#/day	Post Cl				#/	'day
	Field	l Results					
	Influ				Efflu	an+	
Determinations	Max. Min.	Mean	Median	Max.	Min.	Mean	Median
Temp °C							
pH (Units) Conductivity	a proposition readormation collectivate printers of proposition and statement and proposition and statement and st		Commence of the Commence of th				
(umhos/cm <sup>2</sup> )						P*************************************	
Settleable Solids (mls/1)							
	Laboratory Res	ults on Co	mposites				
	Influent	Efflue	ent	% R	eduction	n	
Laboratory No.	75-5625	-562	todamente in in				
5-Day BOD ppm COD ppm	encon regione no management de la companya de la co		· Adversignation in Property Control of the Control	designine	> 95%	ng managala	
COD ppm T.S. ppm	Getafrication partition in the contract of the		neal-lab excellence and the second second second	<b>400</b> 000000000			
T.N.V.S. ppm T.S.S. ppm	electricite anni con consistente con consistente de la consistente del consistente de la consistente del consistente de la consistente de	disconstitution of the constitution of the con	Manufacture and American	end-resident		and)	
T.S.S. ppm N.V.S.S. ppm	128	atitiin parin seeraataan ara ara ara ba	) gen-contra series della	etom <sub>ing</sub>	98%		
pH (Units)	#This is the supplemental of the supplemental		ENGLINARISATION COMP	<b>Only Service</b>	illi kankabu (19 kupingi miliki kupin menim danisi ku 2000 pingi pelikulah	wood	
Conductivity (µmhos/cm²)	######################################		and re-container region of the				
Turbidity (JTU's)		ØRetSičnedost 765-lpcales Hrivav-co-bonosiqu	nestrumouseneutroustis (fr				

# Laboratory Bacteriological Results

	Sampling Time	Total	lonies/100 : Fecal	Fecal	Cl <sub>2</sub> Residual
75-5627		Coliform	Coliform Est. 8.3	Strep	
		Additional	Laboratory	Results	
NO3-N bbi		8.9			
NO2-N ppi NH3-N ppi		ND			
	m - ahl-N ppm				
0-P04-P	ppm -	0.55			
T-P04-P	ppm -	0.75			
Operator's	Name	Bill Irey		Phone No	
<del>-</del>	anning mark the state of the st			-	
Furnish a chlorination	flow diag	ram with se	quence and 1	celative siz	e and points of
CHIOLINACIO	on.				
		Type of (	Collection (	Systom	
			Collection S		
Combined	<u>X</u> Sepa:			Estimate fl	ow contributed by sur-
Combined	<u>X</u> Sepa:			Estimate fl	ow contributed by sur- und water (infiltration
Combined	<u>X</u> Sepa:			Estimate fl face or gro	und water (infiltration
Combined	<u>X</u> Sepa:	rate Bot	ih	Estimate fl face or gro	und water (infiltration
		rate Bot Plant Lo	ch Dading Infor	Estimate fl face or gro	und water (infiltration  MGD
Annual aver	cage daily	rate Bot Plant Lo	ch Dading Infor (mgd)	Estimate fl face or gro	und water (infiltration  MGD
	cage daily	rate Bot Plant Lo	eh oading Infor (mgd)	Estimate fl face or gromation  Peak flow r	und water (infiltration  MGD
Annual aver	age daily	rate Bot Plant Lo	ading Infor	Estimate fl face or gromation Peak flow r	und water (infiltration MGD MGD ate (mgd)

#### STATE OF WASHINGTON

# DEPARTMENT OF ECOLOGY

ORIGINAL TO:

OLYMPIA LABORATORY

DATA SUMMARY LAB.FILES..... Source CARRYMEET Phone JP Collected By D. Hovek Date Collected 13-10/11/75 Log Number: 75-5625 26 INF C.C.C CGG Station: PH Turbidity (NTU) Sp. Conductivity (unhos/cm) COD 96. 44. BOD (5 day) Total Coliform (Col./100ml) EST Fecal Coliform (Col./100ml) 8.3 8.9 NO3-N (Filtered) NO2-N (Filtered) ND 1.1 NH3-N (Unfiltered) T. Kjeldahl-N (Unfiltered) 0.55 O-PO4-P (Filtered) 0.75 Total Phos. -P (Unfiltered) Total Solids Total Non. Vol. Solids 1128 2 Total Suspended Solids Total Sus. Non Vol. Solids

All results are in PPM (mg/L) unless otherwise specified. ND is "None Detected" Note: "\second is "Less Than" and "\second is "Greater Than"